

Prof. Cüneyt Çırak

Personal Information

Email: cuneytc@omu.edu.tr

Web: <https://avesis.omu.edu.tr/cuneytc>

Education Information

Doctorate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarla Bitkileri (Dr), Turkey 1999 - 2006

Doctorate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarla Bitkileri (Dr), Turkey 1999 - 2006

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarla Bitkileri (YI) (Tezli), Turkey 1995 - 1998

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarla Bitkileri (YI) (Tezli), Turkey 1995 - 1998

Undergraduate, Ondokuz Mayıs University, Ziraat Fakültesi, Tarla Bitkileri Bölümü, Turkey 1991 - 1995

Undergraduate, Ondokuz Mayıs University, Ziraat Fakültesi, Tarla Bitkileri Bölümü, Turkey 1991 - 1995

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Farklı doku kültür uygulamalarının iki kantaron türünde (*Hypericum perforatum* ve *H. bupleuroides*) rejenerasyon kabiliyeti, hiperisin ve toplam fenolik birikimine etkileri, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarla Bitkileri (Dr), 2019

Postgraduate, Farklı kalsiyum seviyelerinin soyada (*Glycine max* L. Merrill.) verim ve bazı kalite unsurları üzerine etkileri, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarla Bitkileri (YI) (Tezli), 2019

Postgraduate, Farklı kalsiyum seviyelerinin soya da verim ve kaliteye etkileri, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarla Bitkileri (YI) (Tezli), 1998

Academic Titles / Tasks

Associate Professor, Ondokuz Mayıs University, Bafra Meslek Yüksekokulu, Bitkisel ve Hayvansal Üretim Bölümü, 2008 - Continues

Academic and Administrative Experience

Ondokuz Mayıs University, 2010 - Continues

Courses

mesleki ingilizce, Associate Degree, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

fitokimya, Associate Degree, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

tıbbi ve aromatik bitki yetiştiriciliği, Associate Degree, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
bitki ekolojisi, Associate Degree, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
araştırma ve deneme metodları, Associate Degree, 2013 - 2014, 2012 - 2013
organik tarımın genel ilkeleri, Associate Degree, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
farmasötik botanik, Associate Degree, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
tıbbi ve aromatik bitkiler anatomisi, Associate Degree, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Phenolic constituents of six *Hypericum* species from Türkiye and their chemotaxonomic relevance**
Çırak C., SEYİS F.
SOUTH AFRICAN JOURNAL OF BOTANY, vol.159, pp.596-604, 2023 (SCI-Expanded)
- II. **Trends in Phenolic Profiles of *Achillea millefolium* from Different Geographical Gradients**
Radusiene J., Karpaviciene B., Raudone L., Vilkickyte G., Çırak C., SEYİS F., YAYLA F., Marksa M., Rimkiene L., Ivanauskas L.
PLANTS-BASEL, vol.12, no.4, 2023 (SCI-Expanded)
- III. **The variability of phenolic constituents and antioxidant properties among wild populations of *Ziziphora clinopodioides* Lam**
Taheri A., Ganjeali A., Arefi-Oskouie A., Çırak C., Cheniany M.
PHYSIOLOGY AND MOLECULAR BIOLOGY OF PLANTS, vol.29, no.2, pp.221-237, 2023 (SCI-Expanded)
- IV. **Volatile secondary metabolites of six Turkish *Hypericum* species: chemical composition and chemotaxonomic significance**
Çırak C., SEYİS F.
PLANT BIOSYSTEMS, vol.157, no.5, pp.1067-1077, 2023 (SCI-Expanded)
- V. **Volatile secondary metabolites of *Hypericum tetrapterum* and *Hypericum bithynicum***
SEYİS F., YURTERİ E., ÖZCAN AYKUTLU A., Çırak C., YAYLA F.
BIOCHEMICAL SYSTEMATICS AND ECOLOGY, vol.105, 2022 (SCI-Expanded)
- VI. **Phenolic compounds and antioxidant activity of *Achillea arabica* populations**
Çırak C., Radusiene J., Raudone L., Vilkickyte G., SEYİS F., Marksa M., Ivanauskas L., YAYLA F.
SOUTH AFRICAN JOURNAL OF BOTANY, vol.147, pp.425-433, 2022 (SCI-Expanded)
- VII. **Ontogenetic changes in phenolic contents and volatile composition of *Hypericum androsaemum* and *Hypericum xylostefolium***
Çırak C., SEYİS F., Özcan A., YURTERİ E.
Biochemical Systematics and Ecology, vol.102, 2022 (SCI-Expanded)
- VIII. **Stimulation of phenolic compounds accumulation and antioxidant activity in in vitro culture of *Salvia tebesana* Bunge in response to nano-TiO₂ and methyl jasmonate elicitors**
Shoja A. A., Çırak C., Ganjeali A., Cheniany M.
PLANT CELL TISSUE AND ORGAN CULTURE, vol.149, no.1-2, pp.423-440, 2022 (SCI-Expanded)
- IX. **Distribution of Phenolic Compounds and Antioxidant Activity in Plant Parts and Populations of Seven Underutilized Wild *Achillea* Species**
Raudone L., Radusiene J., SEYİS F., YAYLA F., Vilkickyte G., Marksa M., Ivanauskas L., Çırak C.
PLANTS-BASEL, vol.11, no.3, 2022 (SCI-Expanded)
- X. **A NEW SUSTAINABLE PRODUCTION METHOD FOR THE SAHLEP ORCHID *SERAPIAS ORIENTALIS* (GREUTER) H. BAUMANN & KUNKELE**
Çalışkan Ö., Kurt D., Çırak C.
PAKISTAN JOURNAL OF BOTANY, vol.53, no.3, pp.1051-1056, 2021 (SCI-Expanded)
- XI. **Altitudinal impacts on chemical content and composition of *Hypericum perforatum*, a prominent medicinal herb**
SEYİS F., YURTERİ E., ÖZCAN AYKUTLU A., Çırak C.

SOUTH AFRICAN JOURNAL OF BOTANY, vol.135, pp.391-403, 2020 (SCI-Expanded)

- XII. **Chemical and morphological diversity among wild populations of *Hypericum aviculariifolium* Jaub. et Spach subsp. *depilatum* (Freyn et Bornm.) N. Robson var. *depilatum***
Çırak C., ÖZCAN AYKUTLU A., YURTERİ E., Kurt D., SEYİS F.
ACTA BOTANICA CROATICA, vol.79, no.1, pp.78-86, 2020 (SCI-Expanded)
- XIII. **Effect of nitrogen on herb production, secondary metabolites and antioxidant activities of *Hypericum pruinatum* under nitrogen application**
Radusiene J., Marksa M., Ivanauskas L., Jakstas V., Çalışkan Ö., Kurt D., ODABAŞ M. S., Çırak C.
INDUSTRIAL CROPS AND PRODUCTS, vol.139, 2019 (SCI-Expanded)
- XIV. **Factors affecting the variation of bioactive compounds in *Hypericum* species**
Çırak C., Radusiene J.
BIOLOGIA FUTURA, vol.70, no.3, pp.198-209, 2019 (SCI-Expanded)
- XV. **Altitudinal changes in secondary metabolite contents of *Hypericum androsaemum* and *Hypericum polyphyllum***
Çırak C., Radusiene J., Jakstas V., Ivanauskas L., SEYİS F., YAYLA F.
BIOCHEMICAL SYSTEMATICS AND ECOLOGY, vol.70, pp.108-115, 2017 (SCI-Expanded)
- XVI. **The effects of salt and drought stress on phenolic accumulation in greenhouse-grown *Hypericum pruinatum***
Çalışkan Ö., Radusiene J., Temizel K. E., Staunis Z., Çırak C., Kurt D., ODABAŞ M. S.
ITALIAN JOURNAL OF AGRONOMY, vol.12, no.3, pp.271-275, 2017 (SCI-Expanded)
- XVII. **Secondary metabolites of seven *Hypericum* species growing in Turkey**
Çırak C., Radusiene J., Jakstas V., Ivanauskas L., SEYİS F., Yayla F.
Pharmaceutical Biology, vol.54, no.10, pp.2244-2253, 2016 (SCI-Expanded)
- XVIII. **Morphogenetic and phenological changes in phenolic content of *Hypericum leptophyllum*, an endemic Turkish species**
SEYİS F., Radusiene J., Ivanauskas L., Jakstas V., Çırak C.
ISRAEL JOURNAL OF PLANT SCIENCES, vol.63, no.2, pp.96-104, 2016 (SCI-Expanded)
- XIX. ***Hypericum organifolium* Willd.: The essential oil composition of a new valuable species**
Bertoli A., Çırak C., SEYİS F.
INDUSTRIAL CROPS AND PRODUCTS, vol.77, pp.676-679, 2015 (SCI-Expanded)
- XX. **Chemical composition of *Hypericum* species from the *Taeniocarpium* and *Drosanthe* sections**
Camas N., Radusiene J., Ivanauskas L., Jakstas V., Kayikci S., Çırak C.
PLANT SYSTEMATICS AND EVOLUTION, vol.300, no.5, pp.953-960, 2014 (SCI-Expanded)
- XXI. **Altitudinal changes in the content of bioactive substances in *Hypericum orientale* and *Hypericum pallens***
Camas N., Radusiene J., Ivanauskas L., Jakstas V., Çırak C.
ACTA PHYSIOLOGIAE PLANTARUM, vol.36, no.3, pp.675-686, 2014 (SCI-Expanded)
- XXII. **Differential Phenolic Accumulation in Two *Hypericum* Species in Response to Inoculation with *Diploceras hypericinum* and *Pseudomonas putida***
Çırak C., Radusiene J., Aksoy H. M., Mackinaite R., Stanius Z., Camas N., ODABAŞ M. S.
PLANT PROTECTION SCIENCE, vol.50, no.3, pp.119-128, 2014 (SCI-Expanded)
- XXIII. **Phenological changes in the chemical content of wild and greenhouse-grown *Hypericum pruinatum*: flavonoids**
Çırak C., Radusiene J., Ivanauskas L., Jakstas V., Camas N.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.38, no.3, pp.362-370, 2014 (SCI-Expanded)
- XXIV. **Changes in the content of bioactive substances among *Hypericum montbretii* populations from Turkey**
Çırak C., Radusiene J., Ivanauskas L., Jakstas V., Camas N.
REVISTA BRASILEIRA DE FARMACOGNOSIA-BRAZILIAN JOURNAL OF PHARMACOGNOSY, vol.24, no.1, pp.20-24, 2014 (SCI-Expanded)
- XXV. **Changes in the contents of main secondary metabolites in two Turkish *Hypericum* species during**

plant development

Çırak C., Radusiene J., Camas N., Çalışkan Ö., ODABAŞ M. S.

PHARMACEUTICAL BIOLOGY, vol.51, no.3, pp.391-399, 2013 (SCI-Expanded)

- XXVI. **Aromatic profiling of wild and rare species growing in Turkey: *Hypericum aviculariifolium* Jaub. and *Spach* subsp. *depilatum* (Freyn and Bornm.) Robson var. *depilatum* and *Hypericum pruinatum* Boiss. and Bal.**

Çırak C., Bertoli A.

NATURAL PRODUCT RESEARCH, vol.27, no.2, pp.100-107, 2013 (SCI-Expanded)

- XXVII. **Changes in phenolic content of wild and greenhouse-grown *Hypericum triquetrifolium* during plant development**

Çırak C., Radusiene J., Karpaviciene B., Camas N., ODABAŞ M. S.

TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.37, no.3, pp.307-314, 2013 (SCI-Expanded)

- XXVIII. **Secondary metabolites of *Hypericum orientale* L. growing in Turkey: variation among populations and plant parts**

Çırak C., Radusiene J., Stanius Z., Camas N., Çalışkan Ö., ODABAŞ M. S.

ACTA PHYSIOLOGIAE PLANTARUM, vol.34, no.4, pp.1313-1320, 2012 (SCI-Expanded)

- XXIX. **Secondary Metabolites of *Hypericum leptophyllum* Hochst., an Endemic Turkish Species**

Camas N., Radusiene J., Stanius Z., Çalışkan Ö., Çırak C.

SCIENTIFIC WORLD JOURNAL, vol.2012, 2012 (SCI-Expanded)

- XXX. **Morphogenetic changes in essential oil composition of *Hypericum perforatum* during the course of ontogenesis**

Bertoli A., Çırak C., Leonardi M., Seyis F., Pistelli L.

PHARMACEUTICAL BIOLOGY, vol.49, no.7, pp.741-751, 2011 (SCI-Expanded)

- XXXI. **Phenolic constituents of *Hypericum triquetrifolium* Turra (Guttiferae) growing in Turkey: variation among populations and plant parts**

Çırak C., Radusiene J., Janulis V., Ivanauskas L., Camas N., Ayan A. K.

TURKISH JOURNAL OF BIOLOGY, vol.35, no.4, pp.449-456, 2011 (SCI-Expanded)

- XXXII. **The quantitative effect of temperature and light intensity at growth in *Origanum xonites* L.**

Çalışkan Ö., ODABAŞ M. S., Çırak C., Radušiene J., Odabas F.

Journal of Medicinal Plants Research, vol.4, no.7, pp.551-558, 2010 (SCI-Expanded)

- XXXIII. **Modeling of the individual leaf area and dry weight of oregano (*Origanum onites* L.) leaf using leaf length and width, and SPAD value**

Çalışkan Ö., ODABAŞ M. S., Çırak C., Odabas F.

JOURNAL OF MEDICINAL PLANTS RESEARCH, vol.4, no.7, pp.542-545, 2010 (SCI-Expanded)

- XXXIV. **The Quantitative Effects of Temperature and Light Intensity on Phenolics Accumulation in St. John's Wort (*Hypericum perforatum*)**

ODABAŞ M. S., Camas N., Çırak C., Radusiene J., Janulis V., Ivanauskas L.

NATURAL PRODUCT COMMUNICATIONS, vol.5, no.4, pp.535-540, 2010 (SCI-Expanded)

- XXXV. **The quantitative effect of temperature and light intensity at growth in *Origanum onites* L.**

Çalışkan Ö., ODABAŞ M. S., Çırak C., Radusiene J., Odabas F.

JOURNAL OF MEDICINAL PLANTS RESEARCH, vol.4, no.7, pp.551-558, 2010 (SCI-Expanded)

- XXXVI. **The modeling of the relation among the temperature and light intensity of growth in *Ocimum basilicum* L.**

Çalışkan Ö., ODABAŞ M. S., Çırak C.

JOURNAL OF MEDICINAL PLANTS RESEARCH, vol.3, no.11, pp.965-977, 2009 (SCI-Expanded)

- XXXVII. **Variation of hypericins in *Hypericum triquetrifolium* Turra growing in different locations of Turkey during plant growth**

Ayan A. K., Çırak C.

NATURAL PRODUCT RESEARCH, vol.22, no.18, pp.1597-1604, 2008 (SCI-Expanded)

- XXXVIII. **Variation of bioactive substances in *Hypericum montbretii* during plant growth**

Çırak C., Radusiene J., ARSLAN B.

- NATURAL PRODUCT RESEARCH, vol.22, no.3, pp.246-252, 2008 (SCI-Expanded)
- XXXIX. **Hypericin and pseudohypericin contents in some Hypericum species growing in Turkey**
Ayan A. K., Çirak C.
PHARMACEUTICAL BIOLOGY, vol.46, no.4, pp.288-291, 2008 (SCI-Expanded)
- XL. **Variation of bioactive substances and morphological traits in Hypericum perforatum populations from Northern Turkey**
Cirak C., Radugien J., Karabuk B., Janulis V.
BIOCHEMICAL SYSTEMATICS AND ECOLOGY, vol.35, no.7, pp.403-409, 2007 (SCI-Expanded)
- XLI. **Secondary metabolites in Hypericum perforatum: variation among plant parts and phenological stages**
Cirak C., Radusiene J., Janulis V., Ivanauskas L.
BOTANICA HELVETICA, vol.117, no.1, pp.29-36, 2007 (SCI-Expanded)
- XLII. **Variation of bioactive compounds in *Hypericum perforatum* growing in turkey during its phenological cycle**
Cirak C., Radusiene J., (Saglam) Karabuk B., Janulis V., Ivanauskas L.
JOURNAL OF INTEGRATIVE PLANT BIOLOGY, vol.49, no.5, pp.615-620, 2007 (SCI-Expanded)
- XLIII. **Foliar zinc application on yield and quality characters of soybean**
Aytaç S., Cirak C., Ozcelik H.
ASIAN JOURNAL OF CHEMISTRY, vol.19, no.3, pp.2410-2418, 2007 (SCI-Expanded)
- XLIV. **Direct and indirect regeneration of plants from internodal and leaf explants of Hypericum bupleuroides gris.**
Cirak C., Ayan A. K., Kevseroglu K.
JOURNAL OF PLANT BIOLOGY, vol.50, no.1, pp.24-28, 2007 (SCI-Expanded)
- XLV. **Morphogenetic and diurnal variation of total phenols in some hypericum species from Turkey during their phenological cycles**
Ayan A. K., Yanar O., Çirak C., Bilgener M.
Bangladesh Journal of Botany, vol.36, no.1, pp.39-46, 2007 (SCI-Expanded)
- XLVI. **Variations in total phenolics during ontogenetic, morphogenetic, and diurnal cycles in Hypericum species from Turkey**
Ayan A. K., Cirak C., Yanar O.
JOURNAL OF PLANT BIOLOGY, vol.49, no.6, pp.432-439, 2006 (SCI-Expanded)
- XLVII. **Hypericin in Hypericum lydium Boiss. growing in Turkey**
Cirak C.
BIOCHEMICAL SYSTEMATICS AND ECOLOGY, vol.34, no.12, pp.897-899, 2006 (SCI-Expanded)
- XLVIII. **Response of soybean (Glycine max) to soil and foliar applied boron at different rates**
Cirak C., Odabas M. S., Kevseroglu K., Karaca E., Gulumser A.
INDIAN JOURNAL OF AGRICULTURAL SCIENCES, vol.76, no.10, pp.603-606, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **Bulb İnduction on Madonna Lily Stems and Tree Years Growing Performance of the Bulblets**
KURT D., ÇALIŞKAN Ö., ÇIRAK C.
KSÜ Tarım ve Doğa Dergisi, vol.25, no.2, pp.258-266, 2022 (Peer-Reviewed Journal)
- II. **Bulb Induction on Madonna Lily Stems and Three Years Growing Performance of the Bulblets**
Kurt D., Çalışkan Ö., Çirak C.
KSU TARIM VE DOĞA DERGISI-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.25, no.2, pp.258-266, 2022 (ESCI)
- III. **Some bioactive properties and antimicrobial activity of some Hypericum species growing wild in Black Sea Region of Turkey**
GÜL L. B., ÖZDEMİR N., GÜL O., ÇIRAK C., ÇON A. H.

European Food Science and Engineering, vol.2, no.1, pp.1-6, 2021 (Peer-Reviewed Journal)

- IV. **Hypericum aviculariifolium subsp. depilatum var. depilatum ve H. pruinatum da In Vitro Tohum Çimlenmesi.**
KURTAR E. S., ÇIRAK C.
Manas J Agr Vet Life Sci, vol.9, no.1, pp.14-21, 2019 (Peer-Reviewed Journal)
- V. **Modeling the Altitudinal Variation in Secondary Metabolite Contents of Hypericum Orientale from Turkey**
KURT D., ÇALIŞKAN Ö., ODABAŞ M. S., RADUSIENE J., ÇIRAK C.
International Biological Biomedical Journal, vol.4, no.4, pp.199-205, 2018 (Peer-Reviewed Journal)
- VI. **Modeling the Morphogenetic and Ontogenetic Changes in Essential Oil Composition of Hypericum Perforatum**
ÇIRAK C., ODABAŞ M. S., Alessandra B.
International Journal of Research in Agriculture and Forestry, 2018 (Peer-Reviewed Journal)
- VII. **Amentoflavone and Mangiferin in Hypericum calycinum, Hypericum cardiophyllum and Hypericum bithynicum**
ÇIRAK C., RADUSIENE J., JAKTAS V., IVANAUSKAS L., YAYLA F., KURT D.
Research Reviews Journal of Herbal Science, vol.6, no.1, pp.10-13, 2017 (Peer-Reviewed Journal)
- VIII. **Chemical Content Variations of Hypericum perforatum Growing in Turkey during its Ontogenetic and Diurnal Cycles**
ÇIRAK C., KURT D.
Research Reviews: Journal of Botany, vol.5, no.1, pp.3-12, 2016 (Peer-Reviewed Journal)
- IX. **Phenological Changes in the Chemical Content of Wild and Greenhouse Grown Hypericum pruinatum Hypericins Hyperforins and Phenolic Acids**
ÇIRAK C., RADUSIENE J., IVANAUSKAS L., JAKSTAS V., ÇAMAŞ N., KURT D.
Research Reviews: Journal of Botany, vol.4, no.3, pp.37-47, 2015 (Peer-Reviewed Journal)
- X. **Önemli Tıbbi Bitkiler Olarak Hypericum Türleri**
ÇIRAK C., KURT D.
ANADOLU Ege Tarımsal Araştırma Enstitüsü Dergisi, vol.24, no.1, pp.42-58, 2014 (Peer-Reviewed Journal)
- XI. **Models of estimation on the content of secondary metabolites in some Hypericum species**
ÇIRAK C., ODABAŞ M. S.
Research in Pharmacy, vol.4, no.1, pp.8-16, 2014 (Peer-Reviewed Journal)
- XII. **Non-destructive estimation of leaf area in tea (Cornelia sinensis)**
Zenginbal H., Özcan M., Uzun S., Çırak C.
Research Journal of Botany, vol.5, no.1, pp.65-70, 2010 (Scopus)
- XIII. **Modeling of the individual leaf area and dry weight of oregano Origanum onites L leaf using leaf length leaf width and SPAD value**
ÇALIŞKAN Ö., ODABAŞ M. S., ÇIRAK C., Radusiene J., odabaş f.
journal of medicinal plants research, vol.4, no.7, pp.542-545, 2010 (Scopus)
- XIV. **The quantitative effect of the temperature and light intensity at growth in Origanum onites L**
ÇIRAK C., ÇALIŞKAN Ö., ODABAŞ M. S., Odabaş F.
Journal of Medicinal Plants Research, vol.4, no.7, pp.551-558, 2010 (Peer-Reviewed Journal)
- XV. **Estimation of leaf area in selected Hypericum species**
Çırak C., ODABAŞ M. S., Ayan A. K., Sağlam B., Kevseroğlu K.
Acta Botanica Hungarica, vol.50, no.1-2, pp.81-91, 2008 (Scopus)
- XVI. **Modeling the effect of temperature on the days to germination in seeds of flue-cured and oriental tobacco (Nicotiana tabacum L.)**
Çırak C., Ayan A. K., ODABAŞ M. S., Çamaş N.
Journal of Plant Sciences, vol.2, no.3, pp.358-361, 2007 (Scopus)
- XVII. **Yield and quality component of sugar beet grown under northern Turkey conditions**
Çamaş N., Çırak C., Albayrak S.
International Journal of Agricultural Research, vol.2, no.3, pp.296-301, 2007 (Scopus)

- XVIII. **Morphogenetic and diurnal variation of total phenols in some Hypericum species from Turkey during their phenological cycles**
 AYAN A. K., Yanar P., ÇIRAK C., BİLGİNER M.
 Bangladesh Journal of Botany, 2007 (Peer-Reviewed Journal)
- XIX. **Seed germination protocols for Ex situ conservation of some Hypericum species from Turkey**
 Çirak C.
 American Journal of Plant Physiology, vol.2, no.5, pp.287-294, 2007 (Scopus)
- XX. **Isırganotu nun Ekonomik Önemi ve Tarımı**
 AYAN A. K., ÇALIŞKAN Ö., ÇIRAK C.
 Anadolu Tarım Bilimleri Dergisi, vol.21, no.3, pp.357-363, 2006 (Peer-Reviewed Journal)
- XXI. **Variation of Hypericin in ST. John's Wort (Hypericum perforatum) From Wild Populations of North Turkey**
 ÇIRAK C., AYAN A. K., KEVSEROĞLU K., ÖZEN T.
 ACTA BOTANICA HUNGARICA, vol.48, pp.55-64, 2006 (Peer-Reviewed Journal)
- XXII. **Non destructive estimation of leaf area in some medicinal plants**
 ODABAŞ M. S., ÇIRAK C., KEVSEROĞLU K., SAGLAM B.
 Turkish Journal of Field Crops, vol.10, pp.29-35, 2005 (Peer-Reviewed Journal)
- XXIII. **Relation between leaf area and dimensions of selected medicinal plants**
 ÇIRAK C., ODABAŞ M. S., Sağlam B., AYAN A. K.
 Research in Agricultural Engineering, vol.51, pp.13-19, 2005 (Peer-Reviewed Journal)
- XXIV. **Effects of explant types and different concentrations of sucrose and phytohormones on plant regeneration and hypericin content in Hypericum perforatum L**
 Ayan A. K., Çirak C., Kevseroğlu K., Sökmen A.
 Turkish Journal of Agriculture and Forestry, vol.29, no.3, pp.197-204, 2005 (Scopus)
- XXV. **Leaf area prediction model for summer snowflake Leucojum aestivum L**
 ÇIRAK C., ODABAŞ M. S., AYAN A. K.
 International Journal of Botany, 2005 (Peer-Reviewed Journal)
- XXVI. **Hypericin in Some Hypericum Species from Turkey**
 AYAN A. K., ÇIRAK C., KEVSEROĞLU K., ÖZEN T.
 ASIAN JOURNAL OF PLANT SCIENCES, vol.3, no.2, pp.200-202, 2004 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Tarla Bitkilerinde Laboratuvar Analizleri Uygulama Ders Notu**
 MUT Z., UZUN F., AYTAÇ S., BOZOĞLU H., ARSLANOĞLU Ş. F., ODABAŞ M. S., ÇIRAK C., SEZER İ.
 Ondokuz Mayıs Üniversitesi, Basımevi, 2010

Refereed Congress / Symposium Publications in Proceedings

- I. **MODELING THE ALTITUDINAL VARIATION IN SECONDARY METABOLITE CONTENTS OF HYPERICUM ORIENTALE**
 ODABAŞ M. S., Radusiene J., TEMİZEL K. E., KURT D., AKAY H., ÇIRAK C.
 International Conference on Multidisciplinary, Science, Engineering and Technology (IMESET'18 Dubai), 25 - 27 October 2018
- II. **MODELING THE MORPHOGENETIC AND ONTOGENETIC CHANGES IN ESSENTIAL OIL COMPOSITION OF HYPERICUM PERFORATUM**
 ÇIRAK C., ODABAŞ M. S., Alessandra B.
 International Conference on Multidisciplinary, Science, Engineering and Technology (IMESET'18 Dubai), 25 - 27 October 2018

- III. **Identification and Distribution of *Hypericum perforatum* L. on Mount Isıklar (Ganos), Tekirdağ, Turkey**
ŞATANA A., ARSLAN B., ATEŞ E., ÜZEN E., ÇIRAK C.
XIII. Congress of Ecology and Environment With International Participation, Edirne, Turkey, 12 - 15 September 2017, pp.109
- IV. **Identification and Distribution of *Hypericum perforatum* L. on Mount Işıklar (Ganos), Tekirdağ**
ŞATANA A., ARSLAN B., ATEŞ E., ÜZEN E., ÇIRAK C.
XIII. Congress of Ecology and Environment, 12 - 15 September 2017
- V. **EFFECTS OF SALT STRESS AND WATER AMOUNT ON PLANT GROWTH AND YIELD OF PURPLE CONEFLOWER (*Echinacea Purpurea* L.)**
TEMİZEL K. E., ÇIRAK C., ÇALIŞKAN Ö.
SEAB 2017, 4 - 08 July 2017
- VI. **Bioactive Properties and Antimicrobial Activity of Some *Hypericum* Species Growing Wild in Black Sea Region of Turkey**
GÜL L. B., ÖZDEMİR N., GÜL O., ÇIRAK C., ÇON A. H.
1st INTERNATIONAL CONGRESS on MEDICINAL and AROMATIC PLANTS "Natural and Healthy Life" (Konya, Türkiye), Konya, Turkey, 10 - 12 May 2017, vol.1, pp.1310
- VII. **Bioactive Properties and Antimicrobial Activity of Some *Hypericum* Species Growing Wild in Black Sea Region of Turkey**
GÜL L. B., ÖZDEMİR N., GÜL O., ÇIRAK C., ÇON A. H.
I. International Congress on Medicinal and Aromatic Plants "Natural and Healthy Life", 10 - 12 May 2017
- VIII. **ARTIFICIAL NEURAL NETWORK APPROACH TO PREDICTION OF THE ORIGANUM LEAF AREA**
ODABAŞ M. S., ERGÜN E., KAYHAN G., ÇALIŞKAN Ö., ÇIRAK C., Sarı A. O., Marković T., ŞENYER N., Büyükkakşar T. M.
The First Mediterranean Symposium on Medicinal and Aromatic Plants MESMAP 2013, Cyprus (Kktc), 17 - 20 May 2013
- IX. **Karadeniz Bölgesinde Lif Amaçlı Isırganotu (*Urtica* spp)'nın Ekonomik Önemi ve Tarımı**
AYAN A. K., ÇIRAK C., ÇALIŞKAN Ö., KURT D.
Samsun Sempozyumu, Turkey, 13 - 16 October 2011, vol.3, pp.211-215
- X. **Farklı *Hypericum* türlerinde görülen tohum dormansisi ve giderilme metotları**
ÇIRAK C., KEVSEROĞLU K., ODABAŞ M. S., ÖZGENEL M. C., KARAMAN S., ÖZPOLAT A. R., ÖZDEMİR D.
Türkiye IV. Tohumculuk Kongresi, Turkey, 12 - 16 September 2011
- XI. **Using Naturel Resources in Kızılırmak Delta Plain and Causative Effects**
AYAN A. K., ÇALIŞKAN Ö., AYTAÇ S., ÇIRAK C.
International Soil Science Congress on Management of Natural Resources to Sustain Soil Health and Quality, 26 - 27 May 2010, pp.494-497
- XII. **Determination of summer snowflake (*Leucojum aestivum* L.) On Turkey's flora**
ÇALIŞKAN Ö., ODABAŞ M. S., ÇIRAK C.
6 th CMAPSEEC, Antalya, Turkey, 04 May 2010, pp.647-656
- XIII. **Bitkilerde matematiksel model çalışmaları ve bu konuda yapılan bazı araştırmalar**
ODABAŞ M. S., ÇIRAK C., KEVSEROĞLU K.
Türkiye VIII. Tarla Bitkileri Kongresi, Turkey, 14 - 18 September 2009
- XIV. **Ticari olarak kantaron adı altında baharatçılarda satılan bitki materyallerinde hiperisin oranlarının tespiti ve değişim aralıklarının belirlenmesi**
ÇIRAK C., AYAN A. K., KEVSEROĞLU K.
Türkiye VII. Tarla Bitkileri Kongresi, Turkey, 10 - 14 September 2007
- XV. **Açık yastık ve su tüneli fide yetiştirme sistemlerinin *Hypericum pruinatum* da verim ve bazı özelliklere etkileri**
AYAN A. K., ÇIRAK C.
Türkiye VI. Tarla Bitkileri Kongresi, Turkey, 5 - 09 September 2005
- XVI. **Karadeniz Bölgesi Yabani Kantaron *Hypericum perforatum* L Populasyonlarında Uçucu Yağ**

Varyasyonu Üzerine Bir Araştırma

ÇIRAK C., AYAN A. K., KEVSEROĞLU K.

Türkiye VI. Tarla Bitkileri Kongresi, Turkey, 5 - 09 September 2005

XVII. Estimation of leaf area in safflower *Carthamus tinctorius* L

ÇIRAK C., ODABAŞ M. S., ÇAMAŞ N., AYAN A. K.

6. International Safflower Conference, 6 - 10 June 2005

XVIII. The determination of relationships between seed yield and some characters of safflower *Carthamus tinctorius* L cultivars grown in the Middle Black Sea conditions

ÇAMAŞ N., AYAN A. K., ÇIRAK C.

6. International Safflower Conference, 6 - 10 June 2005

XIX. Modeling the effect of temperature on the days to seed germination in safflower *Carthamus tinctorius* L

AYAN A. K., ÇIRAK C., ODABAŞ M. S., ÇAMAŞ N., Vallerani E., pandley S.

6. International Safflower Conference, 6 - 10 June 2005

XX. Farklı kalsiyum seviyelerinin soya *Glycine max* L da verim ve verim unsurları ve bazı kalite özelliklerine etkisi

ÇIRAK C., ESENDAL E.

Türkiye 3. Tarla Bitkileri Kongresi, Turkey, 17 - 21 June 2001

Supported Projects

Çırak C., Project Supported by Higher Education Institutions, International Symposium on EuroAsian Biodiversity (SEAB-2017), 2017 - 2023

Çırak C., Project Supported by Higher Education Institutions, IMESET 2018 Dubai, 2018 - 2019

Çırak C., Project Supported by Higher Education Institutions, Hatay'da doğal olarak yetişen 3 farklı *Hypericum* türünde fenolik bileşenlerin morfogenetik ve ontogenetik varyasyonunun belirlenmesi, 2018 - 2019